

ABSTRACT OF THE DISCLOSURE

[0033] A higher order mode stripping optical fiber having a core surrounded and a cladding layer surrounded by a coupling coating having a higher refractive index than the higher order mode effective index and wherein the cladding-coating interface between the cladding and the coupling coating is located at a radius < 55 microns. The measured cutoff wavelength of the fiber is preferably > 1500 nm. Such fibers are particularly effective at attenuating unwanted higher order modes and are useful in Dispersion Compensating modules (DCM's). Modules and systems utilizing the higher order mode stripping fiber are also described.

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